

Typical Device Performance (20°C)

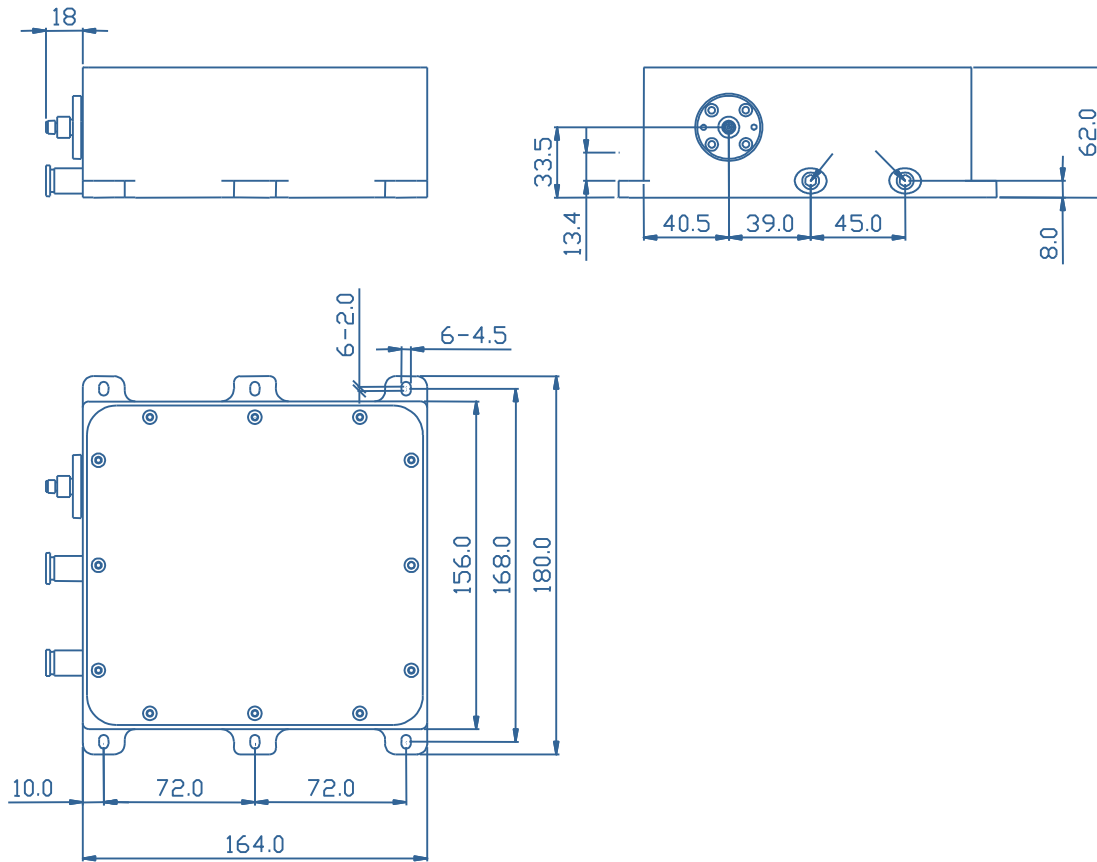
	Unit	Typical Value
Optical		
CW Output Power	W	10
Center Wavelength	nm	405±10
Electrical		
Threshold Current	mA	140
Operating Current	mA	250
Operating Voltage	V	47
Power supply mode		6 channels
Fiber*		
Fiber Core Diameter	μm	800
Fiber Cladding Diameter	μm	880
Fiber Buffer Diameter	μm	1030
Numerical Aperture	-	0.22
Fiber Length	m	2
Fiber armor	mm	7

* 8groups of LD assembled inside the module, 300mA current and 47v voltage operating of each group..

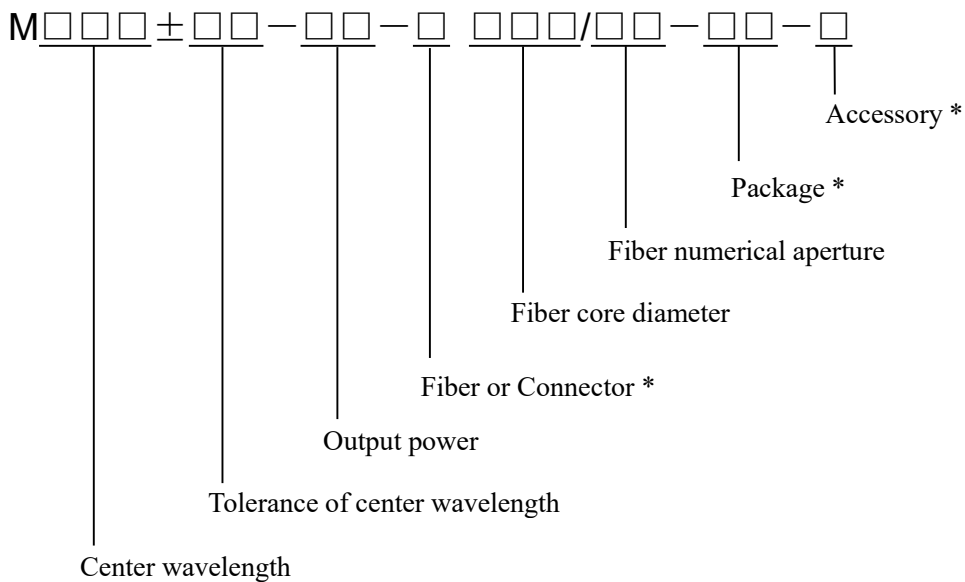
Absolute Ratings

	Unit	Min	Max
Operating Temperature	°C	10	40
Operating Relative Humidity	%	-	75
Storage Temperature	°C	-20	80
Storage Relative Humidity	%	-	90
Lead Soldering Temperature, 10 s max	°C	-	250
Cooling mode	distilled water		

Package Dimensions (mm)



Type Definition



* Accessory: T – TE cooler, A – Aiming laser, P – Monitor photodiode, K – Fiber connector detector

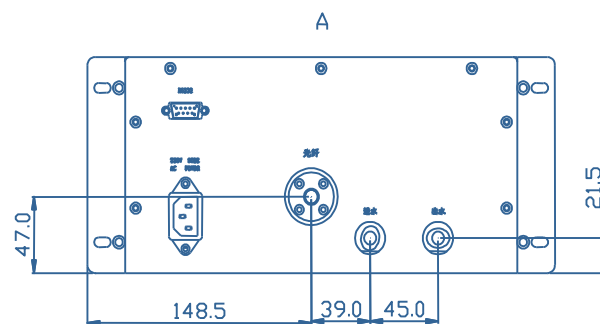
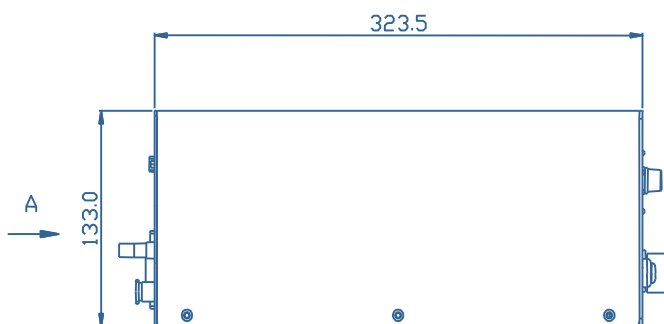
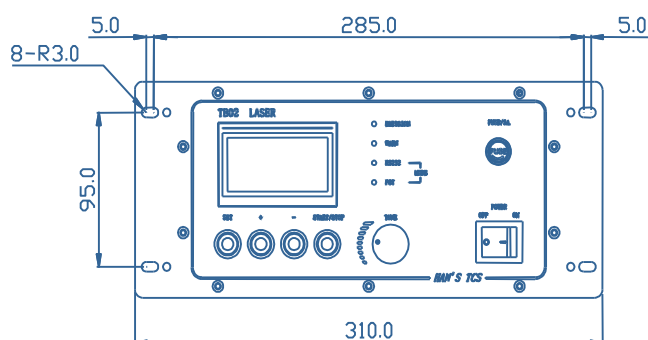
* Fiber or Connector: F – Fiber output, D – Detachable connector



Additional system information



Package Dimensions (mm)



Function and parameters

	Min	Max	Unit
Resolution	0.1		mA
RS232: DB9 Port	Realize remote communication mode		
POT Mode	Realize Manual control		
Temperature Protection	Set laser working temperature range. Once the temperature exceeds the set range, power will be shut off automatically.		
LCD Show	Show the system, current ,voltage, temperature etc.		